

2011 Montana Register of Big Trees

Updated March 2011

Tree species having a valid nomination on file are listed below

Species without a valid nomination are listed at the end

Naturalized species are followed by a Δ

Points = circumference (inches) + height (feet) + 1/4 average crown spread (feet)

MT Co-champions are listed when total scores are within 15 points; National Co-champions must be within 5 points

		<i>Points</i> (<i>National</i> <i>Champ</i>)	<i>County</i>	<i>Owner</i>	<i>Nominator(s), Measurement Date</i>
<i>Abies grandis</i> (grand fir) -- submitted to American Forests as National Big Tree Champion					
dbh	53"	350	Lincoln	Kootenai National Forest,	Alan Lane, Mike Keller, Larry Coryell
circum	165"	(350)		Three Rivers Ranger District	October 16, 2008
height	178'				
spread	27'				
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i> (subalpine fir)					
dbh	41"	290	Lincoln	Kootenai National Forest,	Kendra Kitchen, Marge Juris, Alan Lane
circum	129"	(389)		Three Rivers Ranger District	September 26, 2008
height	155'				
spread	24'				
<i>Acer glabrum</i> (Rocky Mountain maple)					
dbh	11"	94	Lincoln	Kootenai National Forest,	Alan Lane
circum	36"	(194)		Three Rivers Ranger District	September 19, 2001
height	54'				
spread	60'				
dbh	11"	90	Lincoln	Grant Garcia	Martin Flanagan
circum	33"	(194)			August 6, 2003
height	47'				Remeasure: Sept 2008
spread	40'				
<i>Acer negundo</i> (boxelder)					
dbh	62"	265	Ravalli	Astrid Morris	Mark Lewing
circum	194"	(371)			November 7, 2001
height	56'				
spread	60'				
<i>Acer platanoides</i> (Norway maple) Δ					
dbh	63"	284	Ravalli	Terry Nobles	Mark & Pamela Lewing
circum	203"	(292)			October 6, 2010
height	64'				
spread	67'				
<i>Alnus rubra</i> (red alder)					
dbh	28"	149	Sanders	Cal and Irene Ryder	Dennis Nicholls
circum	89"	(400)			June 15, 1999
height	51'				
spread	36'				
<i>Amelanchier alnifolia</i> (western serviceberry)					
dbh	4"	49	Lincoln	Grant Garcia	Martin Flanagan
circum	13"	(92)			August 6, 2003
height	30'				
spread	24'				

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<i>Betula occidentalis</i> (water birch)					
dbh	18"	150	Ravalli	Bitterroot National Forest	Mark Lewing
circum	59"	(178)		Stevensville Ranger District	September 25, 2010
height	82'				
spread	36'				
dbh	16"	145	Ravalli	Bitterroot National Forest	Mark Lewing
circum	53"	(178)		Stevensville Ranger District	September 25, 2010
height	82'				
spread	38'				
<i>Betula papyrifera</i> var. <i>papyrifera</i> (paper birch)					
dbh	30"	186	Sanders	Richard Cooperman	Dennis Nicholls
circum	95"	(260)			April 10, 1996
height	82'				
spread	38'				
dbh	32"	181	Lincoln	Grant Garcia	Alan Lane
circum	101"	(260)			August 2, 2003
height	64'				Remeasure: Sept 2008
spread	65'				
formerly recognized as <i>Betula papyrifera</i> var. <i>commutata</i> (western paper birch)					
<i>Crataegus douglasii</i> (black hawthorn) -- American Forest's National Big Tree Champion					
dbh	13"	95	Missoula	Bill Vaughn	Bill Vaughn
circum	41"	(95)			October 11, 2006
height	35'				
spread	38'				
<i>Crataegus succulenta</i> (fleshy hawthorn)					
dbh	4"	29	Sweetgrass	Private; Unknown	Martin Flanagan
circum	12"	(none)			September 2000
height	14'				
spread	12'				
<i>Fraxinus pennsylvanica</i> (green ash)					
dbh	48"	236	Ravalli	Leone Bass	Mark Lewing
circum	151"	(395)	urban champion Δ		June 23, 1998
height	70'				
spread	61'				
dbh	41"	174	Prairie	Bureau of Land Management	Peter Lesica
circum	128"	(395)	wildland champion		June 8, 2000
height	39'				
spread	29'				
<i>Juniperus occidentalis</i> (western juniper) Δ					
dbh	26"	145	Missoula	Fort Missoula	Vick Applegate
circum	81"	(573)			May 26, 1994
height	56'				
spread	33'				
<i>Juniperus scopulorum</i> (Rocky Mountain juniper)					
dbh	31"	170	Lake	Swan River State Forest	Glen Gray
circum	97"	(331)			October 22, 1999
height	66'				
spread	27'				
dbh	39"	164	Missoula	Flathead NF	Kent Miller, Rick Trembath, Vernon
circum	123"	(331)			LaFountain, Leo O'Boyle
height	36'				March 14, 1996
spread	18'				

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<i>Larix lyallii</i> (alpine larch)					
dbh	52"	255	Ravalli	Bitterroot National Forest,	Steve Arno
circum	163"	(387)		Darby Ranger District	March 21, 1996
height	82'				
spread	40'				
dbh	39"	241	Lincoln	Kootenai National Forest,	Mark Lewing
circum	126"	(387)		Libby Ranger District	September 2, 2009
height	102'				
spread	51'				
<i>Larix lyallii</i> x <i>occidentalis</i> (hybrid larch) -- petition sent to AF National Register to recognize					
dbh	44"	261	Missoula	Lolo National Forest	Steve Arno, Clint Carlson
circum	140"	(none)		Missoula Ranger District	July 12, 2009
height	110'				
spread	44'				
*American Forests does not recognize hybrids, even those occurring naturally					
<i>Larix occidentalis</i> (western larch) -- first tree is AF National Big Tree Champion					
dbh	84"	425	Missoula	Lolo National Forest, Seeley	Helen Smith, Micha Krebs
circum	264"	(425)		Lake Ranger District	July 6, 1995
height	153'				Remeasure: July 15, 2011
spread	34'				
dbh	74"	417	Lincoln	Plum Creek Timber (former	E.L. Yahvah
circum	233"	(425)		Champion International lands)	February 1, 1979
height	175'				
spread	37'				
<i>Picea engelmannii</i> (Engelmann spruce)					
dbh	65"	377	Flathead	Flathead National Forest,	Jerry DeSanto, R. Cox
circum	205"	(486)		Glacier View Ranger District	October 20, 1996
height	164'				
spread	33'				
dbh	52"	375	Sanders	Plum Creek Timber (former	Pleasant Valley District
circum	163"	(486)		Champion International lands)	May 5, 1981
height	203'				
spread	36'				
<i>Picea glauca</i> (white spruce) -- submitted to AF National Register as Big Tree Champion					
dbh	60"	283	Lincoln	Kootenai National Forest,	Mark Lewing
circum	191"	(264)		Libby Ranger District	September 2, 2009
height	91'				
spread	20'				
<i>Picea pungens</i> (blue spruce) Δ					
dbh	34"	233	Ravalli	Georgian Talbot Banks	Mark Lewing
circum	109"	(328)			November 11, 2010
height	116'				
spread	31'				
dbh	35"	231	Ravalli	Georgian Talbot Banks	Mark Lewing
circum	113"	(328)			November 11, 2010
height	110'				
spread	31'				
<i>Pinus albicaulis</i> (whitebark pine)					
dbh	54"	275	Flathead	Flathead National Forest,	Tom Hope
circum	171"	(340)		Glacier View Ranger District	July 29, 1986
height	90'				
spread	56'				

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<i>Pinus contorta</i> var. <i>latifolia</i> (lodgepole pine)					
dbh	36"	225	Missoula	Lolo National Forest, Seeley Lake Ranger District	Steve Thompson July 15, 2009
circum	113"	(298)			
height	100'				
spread	47'				
dbh	31"	210	Granite	Beaverhead-Deerlodge N.F., Pintler Ranger District	Floyd Wood September 5, 1995 Verified alive: 2009
circum	97"	(298)			
height	107'				
spread	24'				
<i>Pinus flexilis</i> (limber pine)					
dbh	70"	263	Silver Bow	Moose Camp Stock Assoc.	Peter Lesica July 11, 1992
circum	220"	(349)			
height	35'				
spread	36'				
<i>Pinus monticola</i> (western white pine)					
dbh	74"	417	Lincoln	Kootenai National Forest, Three Rivers Ranger District	Alan Lane May 20, 1996 Remeasure: Sept 2008
circum	231"	(455)			
height	181'				
spread	19'				
dbh	73"	410	Lake	Flathead National Forest, Swan Lake Ranger District	Dale Jorgenson December 2, 2004 Verified healthy: Nov 2009
circum	230"	(455)			
height	172'				
spread	32'				
<i>Pinus ponderosa</i> var. <i>ponderosa</i> (ponderosa pine) -- variety needs verified					
dbh	78"	455	Mineral	Lolo National Forest, Ninemile Ranger District	Donald M. Wood, Don Campbell August 1, 1982 Remeasure: August 19, 2005
circum	246"	(548)			
height	194'				
spread	63'				
<i>Populus acuminata</i> (lanceleaf, smooth-barked, or Rydberg's cottowood) -- recognized by AF as hybrid between <i>angustifolia</i> & <i>deltoides</i>					
dbh	44"	237	Sweetgrass	? Private or BLM	Martin Flanagan February 6, 2004
circum	139"	(none)			
height	87'				
spread	45'				
<i>Populus angustifolia</i> (narrowleaf cottonwood) -- First tree submitted as AF National Big Tree Champion					
dbh	50"	255	Madison	State of Montana	Mark and Pamela Lewing August 26, 1999 Remeasure: October 9, 2009
circum	160"	(255)			
height	82'				
spread	50'				
dbh	48"	255	Sweetgrass	Private; Unknown (need landowner information to nominate)	Martin Flanagan September 2000
circum	150"	(255)			
height	80'				
spread	100'				
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i> (black cottonwood)					
dbh	88"	390	Ravalli	Ruffatto Land & Cattle Company	Mark Lewing & Tom Ruffatto September 26, 2010
circum	279"	(515)			
height	96'				
spread	61'				
dbh	73"	379	Lincoln	Mr. and Mrs. Ray Tangen	Russ Hudson February 26, 1980
circum	229"	(515)			
height	132'				
spread	70'				
formerly recognized as <i>Populus trichocarpa</i>					

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***Populus deltoides* ssp. *monilifera* (plains cottonwood)**

dbh	124"	529	Ravalli	Hul's Dairy	Mark Lewing
circum	394"	(552)	urban co-champion		August 19, 1999
height	112'				Remeasure: August 21, 2009
spread	94'				
dbh	54"	288	Sweetgrass	BLM	Martin Flanagan
circum	169"	(552)	wildland champion		February 6, 2004
height	98'				
spread	84'				

synonymous with *Populus deltoides* var. *occidentalis*

***Populus tremuloides* (quaking aspen)**

dbh	55"	243	Lewis & Clark	Sieben Ranch Company	D.J. Bakken, Jim Greene
circum	172"	(291)			September 23, 1993
height	60'				Remeasure: April 18, 2009
spread	45'				
dbh	38"	230	Sanders	David Cooperman & Julie Fuller	Drake Barton, Kathy Lloyd
circum	120"	(291)			November 16, 2009
height	98'				
spread	50'				

***Prunus virginiana* var. *melanocarpa* (black chokecherry) -- potential AF National Big Tree Co-Champions; need to contact current owners**

dbh	12"	95	Flathead	Unknown	Kirk Eakin, Charles Van Hook
circum	37"	(none)			September 17, 1992
height	52'				
spread	25'				
dbh	15"	92	Powell	Unknown	Jim Anderson
circum	48"	(none)			December 6, 1991
height	38'				
spread	24'				

***Pseudotsuga menziesii* var. *glauca* (Rocky Mountain Douglas-fir) -- potential AF National Big Tree Champion (needs remeasured)**

dbh	71"	408	Lincoln	Kootenai National Forest, Libby Ranger District	Lynette Kelly, Jess Evans, Ben Isenburg
circum	223"	(194)			August 23, 1996
height	177'				Verified healthy: 2009
spread	33'				

***Quercus macrocarpa* (bur oak)**

dbh	36"	189	Missoula	Missoula County Schools	Bass Sutton
circum	112"	(410, 414)	urban champion Δ		July 23, 2009
height	58'				
spread	78'				

***Rhamnus* (*Frangula*) *purshiana* (Pursh's buckthorn or cascara)**

dbh	7"	63	Lincoln	Grant Garcia	Alan Lane
circum	21"	(159)			August 6, 2003
height	35'				Remeasure: Sept 2008
spread	29'				

***Robinia pseudoacacia* (black locust) Δ**

dbh	53"	261	Ravalli	Roy & Laurie Capp	Mark & Pamela Lewing
circum	172"	(423)			September 23, 2010
height	73'				
spread	63'				
dbh	57"	249	Ravalli	Audrey Ochs	Mark Lewing
circum	182"	(423)			October 10, 2010
height	54'				
spread	53'				

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<i>Salix alba</i> (white willow) Δ					
dbh	103"	420	Ravalli	Lawrence Durland	Mark & Pamela Lewing, Rosemary O'Neil
circum	328"	(440)	urban champion Δ		June 7, 1995
height	77'				Remeasure: August 21, 2009
spread	61'				
<i>Salix amygdaloides</i> (peachleaf willow)					
dbh	38"	194	Sweetgrass	Bureau of Land Management	Martin Flanagan
circum	120"	(495)			February 2004
height	67'				
spread	30'				
<i>Salix lasiandra</i> var. <i>caudata</i> (whiplash or greenleaf willow) -- AF does not recognize for National Big Tree Registry					
dbh	6"	55	Sweetgrass	Bureau of Land Management,	Martin Flanagan
circum	20"	(none)		Billings Field Office	February 4, 2004
height	30'				
spread	20'				
synonymous with <i>Salix lucida</i> var. <i>caudata</i>					
<i>Sambucus cerulea</i> (blue elderberry)					
dbh	7"	46	Sanders	Lolo National Forest; Plains-	Mike Mueller
circum	20"	(176)		Thompson Falls Ranger	January 28, 1999
height	22'			District	
spread	14'				
<i>Shepherdia argentea</i> (silver buffaloberry) -- potential AF National Big Tree Co-champions; need to verify species and collect landowner information					
dbh	5"	33	Madison	Private; Unknown	Martin Flanagan
circum	15"	(none)		(need landowner information	September 2000
height	15'			to nominate)	
spread	12'				
dbh	5"	33	Sweetgrass	BLM, Billings Field Office	Martin Flanagan
circum	15"	(none)			2004
height	15'				
spread	12'				
<i>Sorbus americana</i> (American mountain-ash) Δ					
dbh	3"	37	Park	Gallatin National Forest	Martin Flanagan
circum	10"	(142)			September 2000
height	24'				
spread	12'				
<i>Sorbus aucuparia</i> (European mountain-ash) Δ					
dbh	13"	93	Missoula	Pete & Lynn Boehm	Pete and Lynn Boehm
circum	42"	(179)			September 29, 2005
height	43'				
spread	33'				
<i>Taxus brevifolia</i> (Pacific yew)					
dbh	16"	78	Lake	AMG Management, Inc.	Jerry and Caroline Berner
circum	49"	(242)			April 28, 1992
height	23'				
spread	24'				
dbh	14"	78	Lake	Richard Henning	Jerry and Caroline Berner
circum	45"	(242)			April 28, 1992
height	28'				
spread	20'				

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<i>Thuja plicata</i> (western redcedar)					
dbh	127"	555	Lincoln	Plum Creek Timber (former Champion International lands)	Bruce Mieke October 16, 1981
circum	399"	(931)			
height	149'				
spread	26'				
dbh	115"	544	Lincoln	Kootenai National Forest, Three Rivers Ranger District	Alan Lane May 6, 1998
circum	362"	(931)			
height	178'				
spread	16'				
<i>Tsuga heterophylla</i> (western hemlock)					
dbh	57"	359	Lincoln	Kootenai National Forest, Three Rivers Ranger District	Alan Lane, Mike Keller October 16, 2008
circum	178"	(523, 527)			
height	174'				
spread	28'				
dbh	54"	354	Lincoln	Kootenai National Forest, Three Rivers Ranger District	Larry Coryell, Alan Lane October 25, 1998 Remeasure: Oct 16, 2008
circum	170"	(523, 527)			
height	175'				
spread	36'				
<i>Tsuga mertensiana</i> (mountain hemlock)					
dbh	48"	307	Sanders	Lolo National Forest Plains-Thompson Falls Ranger District	Doug Shaner November 1, 2009
circum	151"	(396)			
height	145'				
spread	43'				
dbh	34"	298	Sanders	Lolo National Forest Plains- Thompson Falls Ranger District	Doug Shaner October 24, 1999
circum	148"	(396)			
height	141'				
spread	34'				
dbh	48"	296	Sanders	Lolo National Forest Plains-Thompson Falls Ranger District	Doug Shaner November 30, 2009
circum	152"	(396)			
height	134'				
spread	41'				
<i>Ulmus americana</i> (American elm)					
dbh	61"	295	Ravalli urban co-champion Δ	Stevensville School District	Mark Lewing September 19, 2001
circum	192"	(416)			
height	82'				
spread	84'				
dbh	55"	283	Ravalli urban co-champion Δ	Melvin & Kathleen Cook	Mark Lewing September 19, 2001
circum	172"	(416)			
height	94'				
spread	67'				
dbh	27"	135	Wibaux wildland champion	Ray Bannister	Peter Lesica June 5, 2000
circum	86"	(416)			
height	41'				
spread	30'				
<i>Ulmus pumila</i> (Siberian elm) Δ					
dbh	57"	287	Ravalli	Lowell & Sherry Smith	Mark Lewing October 26, 2010
circum	183"	(369)			
height	88'				
spread	63'				

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Trees without a MT nomination:

Acer grandidentatum (bigtooth maple)

Alnus incana ssp. tenuifolia (mountain or thinleaf alder)

Alnus rhombifolia (white alder)

Alnus iridis ssp. sinuata (Sitka alder)

Amelanchier utahensis (Utah serviceberry)

Artemisia tridentata (big sagebrush)

Elaeagnus angustifolia (Russian olive) Δ

Juniperus communis (common juniper)

Juniperus osteosperma (Utah juniper)

Populus alba (white poplar) Δ

Prunus americana (American plum)

Quercus macrocarpa (bur oak) -- wildland specimen

Salix bebbiana (Bebb willow)

Salix discolor (pussy willow)

Salix fragilis (crack willow) Δ

Salix lucida ssp. lasiandra (Pacific willow)

Salix machenziana (Machenzie willow)

Salix scouleriana (Scouler willow)

Sambucus cerulea (blue elderberry)

*synonymous w/*S. nigra* spp. *cerulea*)

Sambucus melanocarpa (Rocky Mountain elder)

*synonymous w/*S. racemosa* var. *melanocarpa*)

Sorbus scopulina (Greene mountain-ash)

Sorbus sitchensis (Sitka mountain-ash)

Additional information and nomination forms are available from:

MT Big Tree Program

c/o Dan Rogers, MT DNRC Stewardship Coordinator

Montana DNRC Forestry Assistance Bureau

2705 Spurgin Road

Missoula, MT 59804

406-542-4326; danrogers@mt.gov

visit www.firelab.org/staff-directory/43 for a link to the Montana Register of Big Trees

visit www.americanforests.org/resources/bigtrees for information on the National Register of Big Trees